



NITFS Compliance Registration



Product: Enterprise Image Access Solutions (E-IAS)

Sponsor: Compressor Version 1.5.2
ITT Visual Information Solutions

Developer: ITT Visual Information Solutions

Date: 13 April 2010
Expiration: 12 April 2012
Registration #: 3017

- ☒ Initial Registration
- ☐ Supplemental/Update #
- ☐ Derived from Reg. #

☐ **System**
N-0105/98, §4.1.1

☐ **Product**
N-0105/98, §4.1.2

☒ **Component**
N-0105/98, §4.1.3

Complexity Level							
NITF 2.1 CLEVEL							
	3	5	6	7			
Interpret							
Generate							
NITF 2.0 CLEVEL							
	1	2	3	4	5	6	Oth
Interpret							
Generate							

Configurations Tested:

- Intel Core, 2.67GHz, Windows XP Pro SP3

** NITF 2.0 feature
* NITF 2.1 feature

NITFS Features Implemented:

Format

☒ NITF
☒ 2.1
☒ 2.0
☐ 1.1

☐ NSIF
☐ 1.0

Pixel Value Types

- ☒ Boolean
- ☒ Integer
- ☐ Signed Integer *
- ☒ IEEE Real *
- ☐ IEEE Complex *

Annotation Segment Type

- ☐ Bit Mapped **
- ☐ CGM, 2301
- ☒ CGM, 2301A
- ☐ Labels **

Text Segments

- ☒ STA
- ☐ UT1
- ☐ U8S
- ☐ MTF

Image Segment Types

- ☒ MONO
- ☒ RGB
- ☐ RGB/LUT
- ☒ YCbCr
- ☒ MULTI
- ☐ NODISPLAY
- ☐ POLAR

Image Compression

- ☐ No Compression
- ☐ JPEG Lossy, 8-bit
- ☐ JPEG Lossy, 12-bit
- ☐ JPEG Downsampling
- ☐ JPEG Lossless
- ☒ JPEG 2000
- ☐ Bi-Level
- ☒ Vector Quantization

Data Extension Segments

- ☒ TRE_OVERFLOW
- ☐ STREAMING_FILE_HEADER
- ☐ Controlled Extensions **
- ☐ Registered Extensions **

Tagged Record Extensions

- ☒ J2KLRA

Legend
Interpret
Gen
☒ Fully implemented
☒ Partially implemented
☐ Not implemented

Valerie Baker, Lt Col, USAF, Portfolio Chief
Joint Interoperability Test Command
Executive Agent to National Geospatial-
Intelligence Agency for the NITFS Test and
Evaluation Program

Registration does not guarantee that a product will meet all users' requirements.
Potential users should evaluate the detailed test results to determine the suitability of
a product for the intended use. Optional NITFS features may not be implemented.